VIAIR®
Your Vital Air Source

90P PORTABLE COMPRESSOR
POWER SPORT SERIES

PART NO. 00093

IMPORTANT:
It is essential that you and any other operator of this product read and understand the contents of this manual before installing and using this product.

SAVE THIS MANUAL FOR FUTURE REFERENCE

USER MANUAL

CE

90P PORTABLE COMPRESSOR

Please read this instruction manual carefully prior to operating this product. Pay particular attention to the **CAUTION** and **WARNING** statements in this manual. Failure to comply with these instructions could result in personal injury or property damage. Retain these instructions for future reference.

DESCRIPTION:

This portable oil-less air compressor is designed to operate by attaching the heavy duty battery clamps to your vehicle's battery while engine is on. The unit comes equipped with a pressure gauge and a 3 pc. set of inflation tips. It can be used for inflating tires, sports balls, or topping off pressure for single person tube rafts and air mats, and hundreds of other uses.

IMPORTANT SAFETY INSTRUCTIONS:

CAUTION: The compressor has been designed to provide long-term, trouble-free operation. To reduce risk of electrical shock or electrocution and to prevent damage to your compressor, follow these simple guidelines:

1. Do not disassemble. Do not attempt to repair or modify this unit. Refer to qualified service agencies for all service and repairs.
2. Never allow children to operate this compressor. Close supervision is necessary when this compressor is being used near children.
3. This compressor will become very hot during and immediately after use. Do not touch any part of this compressor with bare hands, other than the ON/OFF switch and carry handle, during or immediately after use.
4. Provide sufficient cooling time before storing the unit.
5. Never operate the compressor near fire, flammable gas or liquid.
6. There are no user-serviceable parts in this unit, no lubrication is required.
7. Do not pump anything other than atmospheric air.
8. Never use this product while sleepy or drowsy.
9. Be sure the unit's power switch is in the OFF position when not in use.
10. Use only in well ventilated areas.
11. This air compressor is equipped with an Automatic Reset Thermal Protector, and can automatically restart after the thermal protector resets.
12. Always cut off power source when thermal protector becomes activated. After allowing the compressor to cool off for about 30 minutes, you can safely resume usage of the air compressor by turning on the air compressor.
13. The unit should be used only in dry environment. Protect the unit from rain, snow or other sources of moisture.
14. Never carry the air compressor by the hose or power cord.
15. Never point air nozzle towards another person or any part of the body.
16. Inflate items only to their manufacturer's recommendations pressures. Do not leave air compressor running unattended. It could burst tires or other items.

FEATURES:

1. Heavy duty, gearless, direct driven motor.
2. Low noise operation (67dB).
3. Equipped with automatic reset thermal overload protector.
4. Piston type compressor.
5. Includes a full set of nozzle adapters.
6. Oil-less design, maintenance free.
7. Compact size for easy carrying and storage.
8. High strength stainless steel valves.
9. Anodized aluminum alloy cylinder.
10. Durable high performance Piston Ring.
11. Deluxe carry bag.
12. 5-ft heavy duty heat-resistant rubber hose with built-in push button bleeder valve.
13. Dual battery clamps with 30-amp fuse holder.

OPERATING INSTRUCTIONS:

IMPORTANT: Engine must be running while using this compressor.
Before attaching air compressor's power cord to power source, check to make sure that the ON/OFF switch of your compressor is in the **OFF** position. Attach the Positive battery clamp (Red) to the Positive terminal of the battery and the Negative battery clamp (Black) to the Negative terminal of the battery.

CAUTION: Your Portable Air Compressor is Moisture and Dust Resistant, but NOT WATER OR DUST PROOF. Never place compressor in soft sand while running the compressor. Vibration from the compressor will cause the compressor to settle into soft sand, resulting in compressor drawing in foreign particles. Never expose compressor to water while running the compressor.

This air compressor comes with 5 ft. heavy-duty heat-resistant rubber hose with push button bleeder chuck. The inflation/deflation hose can be used for both airing up and airing down. Please familiarize yourself with the following different functions of this versatile air tool:

TIRE INFLATION:

1. Push the tire chuck, with the lever in the upright position, down over the tire valve stem and then push the lever down to lock in place.
2. Check to make sure the push button bleeder valve is disengaged.
3. Turn compressor switch to ON position to begin inflation. When desired pressure is reached, turn compressor OFF.

Please Note: During inflation and deflation, due to air velocity, pressure gauge cannot provide accurate pressure readings. Momentarily halt inflation or deflation to obtain accurate pressure readings.

CAUTION: To avoid over inflation, never exceed recommended pressure on articles to be inflated. Bursting can cause serious injury.

HANDS-FREE CONTINUOUS AIR DOWN:

1. Push the tire chuck, with the lever in the upright position, down over the tire valve stem and then push the lever down to lock in place.
2. Push the bleeder valve button down to engage lock.
3. When desired pressure is reached, press bleeder valve button to disengage lock.

IMPORTANT: Make sure compressor sits upright while operating compressor. Do not operate compressor in any other position. Avoid tugging at compressor to move it. Instead, move compressor to the same side of vehicle as tires that are being aired up.

Always make sure the Portable Compressor's 12ft. power cord is uncoiled and fully extended when using your air compressor to avoid overheating the power cord.

MAINTENANCE INSTRUCTIONS:

Turn **OFF** and unplug Air Compressor. Your air compressor is equipped with permanently lubricated, maintenance-free motor. Never try to lubricate the compressor. Use only mild soap and a cloth dampened with hot water to clean plastic parts. Avoid any type of detergents or solvents, which might contain chemicals that could damage plastic portions or painted surfaces of the compressor. All other services should be performed by a qualified person.

MODEL 90P SPECIFICATIONS:

Part Number:	00093 / 90P
Weight:	5.75 lbs. / 2.6 kg.
Voltage:	12V DC
Max. Amp Draw:	23 amps
Max. Working Pressure:	120 PSI
Max. Duty Cycle (@ 72ºF):	15% @ 100 PSI
Flow Rate @ 0 PSI (13.8 Volts):	1.21 CFM
Dimensions:	6.8” (L) x 3.7” (W) x 6.5” (H)
Ambient Temperature:	-4°F ~ +158°F

LIMITED WARRANTY:

VIAIR Corporation warrants this product, when properly installed and under normal conditions of use, to be free from defects in workmanship and materials for a period of one year from its original date of purchase. To receive warranty service or repair, please contact VIAIR Corporation.

Returns should be made within one year of the date of purchase, after a Return Goods Authorization (RGA) number has been assigned by VIAIR Corporation. To obtain RGA, fax a copy of your receipt to (949) 585-0188. For complete warranty details, please visit: ***www.viaircorp.com/warranty***

PLEASE NOTE:
THIS WARRANTY COVERS PRODUCT DEFECTS ONLY; IT DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES AS RESULT OF MISUSE OR ABUSE.

VIAIR®
Your Vital Air Source

15 EDELMAN • IRVINE, CA 92618
TEL: (949) 585-0011 • FAX: (949) 585-0188
www.viaircorp.com